

Application No.: 09/736,232

Docket No.: 65856-0025

AMENDMENTS TO THE SPECIFICATION

Please amend paragraph [0004] as follows

[0004] In addition to torsional acceleration, an inertial component is generated and is commonly known as driveline inertia, which is measured in foot pounds (ft-lbs). Typically, there are two overall system inertia values, drive and coast. Drive inertia occurs when power is being supplied by the engine through the transmission to the drive train. Coast inertia occurs when the vehicle is coasting and power is being supplied by the inertia of the vehicle and passing back through the axles to the rest of the drive train. Unlike U-joint torsional acceleration, the effect of driveline inertia cannot be cancelled by ensuring that the working angles of the U-joints at each end of the driveshaft both have the same working angle. However, the driveline inertia can be reduced by reducing component working angles and/or by using lower inertia driveline components.

Please amend paragraph [0031] as follows

[0031] After starting the DAA program, the DAA program may display a splash screen (not shown). Next, the DAA program will display a "Select Dialog" screen 50, as shown in Fig. 5. The "Select Dialog" screen 51- 50 allows the user to select a driveline configuration by clicking on the "New Driveline (F1)" button 52 or by depressing the F1 key on the user's keyboard. Alternatively, the user can select a driveline angle file previously saved by the user by clicking on the "Open saved Driveline (F2)" button 54 or by depressing the F2 key on the user's keyboard.

Amend paragraph [0056] as follows

[0056] Yet another aspect of the invention is that the user can then select a "Corrective Mode" to enable the user to change the driveline measurement information to improve the selected driveline configuration 63 and reduce the driveline inertias and torsional accelerations as

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determined by the DAA program. ~~The "Corrective Mode"~~ To enter the "Corrective Mode," the user can click on the "Corrective Mode on/off" button 145 on the on the "Driveline Angle Analyzer" measurements screen 140. Next, the DAA program will display a "CorrectiveMsg.vi" screen 150, as shown in Fig. 15. The "Corrective Msg.vi" screen 150 informs the user that they are entering the "Corrective Mode" and that the DAA program has saved the vehicle information previously entered by the user for the selected driveline configuration as "Baseline" settings. In addition, the DAA program will also recommend that the user check the vehicle ride height before making any component changes to the selected driveline configuration. If acceptable to the user, the user can click the "Ok" button 152 to enter the "Corrective Mode."